Title (en)

METHOD AND APPARATUS FOR PROVIDING TRANSPORT CONTEXT AND ON-PATH META DATA TO SUPPORT 5G ENABLED NETWORKS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEREITSTELLUNG VON TRANSPORTKONTEXT UND METADATEN AUF DEM PFAD ZUR UNTERSTÜTZUNG VON 5G-FÄHIGEN NETZWERKEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR FOURNIR UN CONTEXTE DE TRANSPORT ET DES MÉTADONNÉES EN CHEMIN POUR LA PRISE EN CHARGE DE RÉSEAUX 5G

Publication

EP 3925190 A4 20220504 (EN)

Application

EP 20779833 A 20200323

Priority

- US 201962822626 P 20190322
- CN 2020080680 W 20200323

Abstract (en)

[origin: WO2020192630A1] A plurality of multi-transport network context-identifiers (MTNC-IDs) may be determined. Each MTNC-ID corresponds to a forwarding path spanning between two data plane network functions, and is associated with a set of resource provisioning requirements for one or more transport networks on the forwarding path to provision transport resources for forwarding traffic on the forwarding path. A MTNC-ID may be sent to one or more transport networks on a corresponding forwarding path, where each transport network programs routers for routing data packets according to the MTNC-ID. The MTNC-ID may also be sent to a data plane network function of the corresponding forwarding path through a session management function (SMF), for associating the MTNC-ID with data packets to be transmitted on the corresponding forwarding path.

IPC 8 full level

H04L 47/80 (2022.01); **H04L 45/64** (2022.01)

CPC (source: EP)

H04L 47/805 (2013.01); H04L 45/64 (2013.01)

Citation (search report)

- [XA] EP 2985951 A1 20160217 - JUNIPER NETWORKS INC [US]
- [A] WO 2017200978 A1 20171123 - IDAC HOLDINGS INC [US]
- See references of WO 2020192630A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020192630 A1 20201001; CN 113228592 A 20210806; CN 113228592 B 20220722; EP 3925190 A1 20211222; EP 3925190 A4 20220504; EP 3925190 B1 20230712

DOCDB simple family (application)

CN 2020080680 W 20200323; CN 202080007333 A 20200323; EP 20779833 A 20200323